

FIG. 1

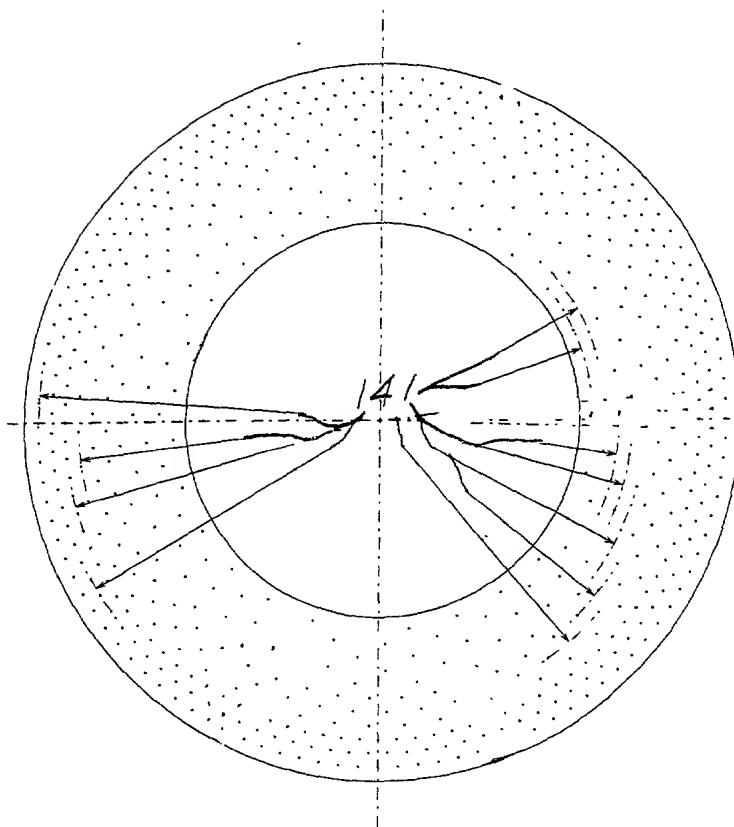
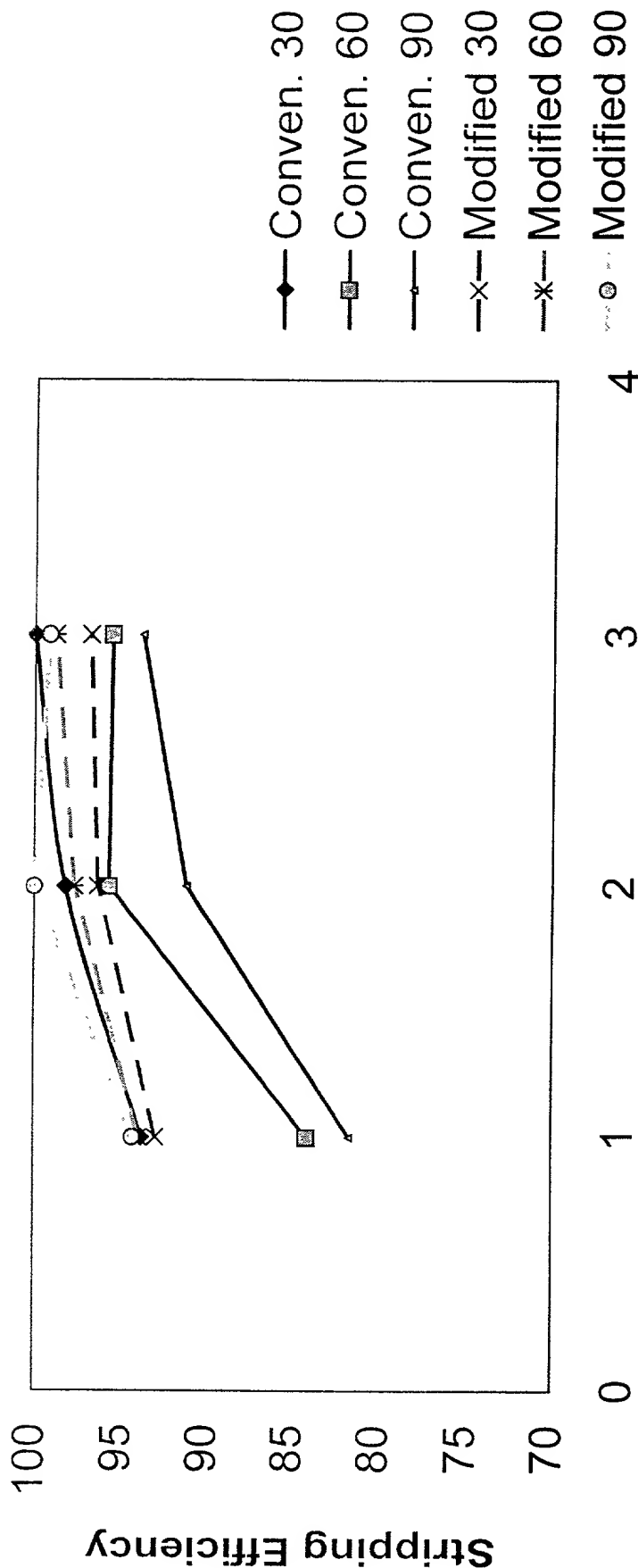


FIG. 3

# Conventional Tray vs Modified tray at 30, 60 and 90,000 #/hr-ft<sup>2</sup>



Equivalent Stripping Rate # steam / 1000 # catalyst

FIG. 9